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The graph illustrates the relationship between frequency (f) and wavelength (λ) for various electromagnetic waves. The x-axis represents frequency in Hz on a logarithmic scale from 10^0 to 10^{10} . The y-axis represents wavelength in meters on a logarithmic scale from 10^{-1} to 10^1 . A diagonal line represents the equation $c = f \cdot \lambda$, where c is the speed of light. Various regions are labeled with specific frequency or wavelength values.

Label	Frequency (Hz)	Wavelength (m)
200KHz	2×10^5	1.5×10^3
5°	10^6	3×10^2
0.3-600m	10^6 to 10^9	10^2 to 10^3
30	10^7	3×10^1
14	10^8	3×10^0
0.01	10^9	3×10^{-2}
8m	10^8	8×10^0
15m	10^7	15×10^0

